WHAT IS CLAIMED IS:

1. An integrated unit, comprising:
a laser beam source for emitting a laser beam;
a detecting portion for detecting a reflected light;
a diffraction element for diffracting the laser beam; and
a casing accommodating said laser beam source and said detecting portion, wherein said integrated unit and a transparent optical compensation film are integrated in said integrated unit in which said diffraction element and said casing are integrated.

2. The integrated unit according to claim 1, wherein
said optical compensation film is a high polymer film serving a function of changing polarization state of the laser beam.

3. The integrated unit according to claim 1, wherein
said optical compensation film is attached onto said diffraction element.

4. The integrated unit according to claim 1, including said optical compensation film inside of said diffraction element.

5. The integrated unit according to claim 1, wherein said casing and said optical compensation film are integrated.

6. The integrated unit according to claim 1, including a cap member, provided to said casing, for closing an opening.

7. The integrated unit according to claim 6, wherein said cap member and an optical compensation film are integrated.

8. The integrated unit according to claim 3, wherein
said diffraction element has a diffraction pattern for diffracting a

laser beam, said diffraction pattern being formed on said optical compensation film.

9. The integrated unit according to claim 3, wherein

said diffraction element has a diffraction pattern for diffracting a laser beam, said optical compensation film being formed on said diffraction pattern.

10. An optical pickup for reading information recorded on an optical disk by condensing a laser beam onto the optical disk, comprising:

a laser beam source for emitting a laser beam;

a detecting portion for detecting a reflected light;

a diffraction element for diffracting the laser beam;

a casing accommodating said laser beam source and said detecting portion;

an integrated unit in which said diffraction element and said casing are integrated; and

an objective lens for condensing the laser beam onto the optical disk, wherein

said integrated unit and a transparent optical compensation film are integrated.

11. An optical pickup for reading information recorded on an optical disk by condensing a laser beam onto the optical disk, comprising:

a laser beam source for emitting a laser beam;

a detecting portion for detecting a reflected light;

a diffraction element for diffracting the laser beam;

a casing accommodating said laser beam source and said detecting portion;

an integrated unit in which said diffraction element and said casing are integrated;

an objective lens for condensing the laser beam onto the optical disk; and

a reflection mirror for changing a direction of the laser beam, wherein

said reflection mirror and a transparent optical compensation film are integrated.